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**1** [Incremental maintenance for dynamic database-derived HTML pages in digital libraries](#)

[Ken C. K. Lee](#), [Hong V. Leong](#), [Antonio Si](#)

 November **CIKM '98**: Proceedings of the seventh international conference on Information and knowledge management

**Publisher:** ACM [Request Permissions](#)

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**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 8, Citation Count: 1

**2** [On page coherence for dynamic HTML pages \(poster\)](#)

[Antonio Si](#), [Hong Va Leong](#)

 July **DL '97**: Proceedings of the second ACM international conference on Digital libraries

**Publisher:** ACM [Request Permissions](#)

 Additional Information: [full citation](#), [index terms](#)
**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

**3** [Maintaining page coherence for dynamic HTML pages](#)

[Antonio Si](#), [Hong V. Leong](#), [Stanley M. T. Yau](#)

 February **SAC '98**: Proceedings of the 1998 ACM symposium on Applied Computing

**Publisher:** ACM [Request Permissions](#)

 Full text available: Pdf (957.58 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)
**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 9, Citation Count: 2

**Keywords:** Internet/intranet, World Wide Web, database caching, digital libraries

#### 4 [Accessibility for simple to moderate-complexity DHTML web sites](#)



Cynthia C. Shelly, George Young

May **W4A '07**: Proceedings of the 2007 international cross-disciplinary  
2007 conference on Web accessibility (W4A)

**Publisher:** ACM

Full text available: Pdf (182.21  
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 67, Citation Count: 0

In this paper, we describe specific design and coding techniques for the creation of simple to medium complexity Dynamic HTML and AJAX applications, which are accessible to people with disabilities using mainstream user agents and assistive technology ...

**Keywords:** HTML, JavaScript, accessibility, dynamic HTML

#### 5 [Highlight: a system for creating and deploying mobile web applications](#)



Jeffrey Nichols, Zhigang Hua, John Barton

October **UI ST '08**: Proceedings of the 21st annual ACM symposium on User  
2008 interface software and technology

**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (876.90  
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 20, Downloads (12 Months): 221, Citation Count: 0

We present a new server-side architecture that enables rapid prototyping and deployment of mobile web applications created from existing web sites. Key to this architecture is a remote control metaphor in which the mobile device controls a fully functional ...

**Keywords:** dynamic html, highlight, javascript, mobile web, proxy browser, proxy server

#### 6 [Structure benefits all](#)



Aaron Leventhal

May **W4A '06**: Proceedings of the 2006 international cross-disciplinary  
2006 workshop on Web accessibility (W4A): Building the mobile web:  
rediscovering accessibility?

**Publisher:** ACM

Full text available: Pdf (237.84  
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 35, Citation Count: 3

Accessibility for the Dynamic Web is now possible due to new standards being developed at the W3C and being implemented in Firefox. The technology allows today's web pages to contain additional markup describing semantics. An often-cited benefit of this ...

**Keywords:** accessibility, dynamic HTML, semantics, user agents

## 7 Functional web accessibility techniques and tools from the university of Illinois



Jon Gunderson, Hadi Bargi Rangin, Nicholas Hoyt

October **Assets '06**: Proceedings of the 8th international ACM SIGACCESS conference on Computers and accessibility

**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (162.81 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 69, Citation Count: 1

For web developers to create functionally accessible web resources they need more than general guidelines and tools that provide them with lists of manual accessibility checks. Web developers need specific web accessibility techniques and tools that ...

**Keywords:** accessibility, best practices, dynamic HTML, evaluation, firefox, mozilla, scripting and techniques, tools, web

## 8 E-mail rollout: migrating from cc:Mail to Netscape internet based e-mail



Jeffrey A. Jones

November **SI GUCCS '99**: Proceedings of the 27th annual ACM SIGUCCS 1999 conference on User services: Mile high expectations

**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (36.74 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 4, Citation Count: 0

**Keywords:** IMAP 4 e-mail, Microsoft Access, Netscape Communicator, cold fusion, computer training, dynamic HTML, internet

## 9 User interface design for the web



David Shen, Irene Au, Brian Buschmann

May **CHI '99**: CHI '99 extended abstracts on Human factors in computing systems 1999

**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (126.77 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 94, Citation Count: 0

In this half day tutorial, we describe a variety of user interface design principles which are characteristic of Web design. These principles have been implemented by, experimented with, and validated through the experiences of the Yahoo! design team.

**Keywords:** HTML, Java, Javascript, browser, dynamic HTML, interaction design, internet, user interface design, world wide web

10 [The express Web server: a user interface for standards development](#)



David A. Sauder, Joshua Lubell

February 1999 **SAC '99**: Proceedings of the 1999 ACM symposium on Applied computing

**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (732.89 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 7, Citation Count: 0

**Keywords:** EXPRESS, STEP (ISO 10303), WWW, cgi.tcl, dynamic HTML

11 [BrowserShield: vulnerability-driven filtering of dynamic HTML](#)

Charles Reis, John Dunagan, Helen J. Wang, Opher Dubrovsky, Saher Esmeir

November 2006 **OSDI '06**: Proceedings of the 7th symposium on Operating systems design and implementation

**Publisher:** USENIX Association

Full text available: Pdf (411.90 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 62, Citation Count: 1

Vulnerability-driven filtering of network data can offer a fast and easy-to-deploy alternative or intermediary to software patching, as exemplified in Shield [43]. In this paper, we take Shield's vision to a new domain, inspecting and cleansing not just ...

12 [HTML templates that fly: a template engine approach to automated](#)



[offloading from server to client](#)

Michiaki Tatsubori, Toyotaro Suzumura

April 2009 **WWW '09**: Proceedings of the 18th international conference on World wide web

**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (972.05 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 27, Downloads (12 Months): 27, Citation Count: 0

Web applications often use HTML templates to separate the webpage presentation from its underlying business logic and objects. This is now the de facto standard programming model for Web application development. This paper proposes a novel implementation ...

**Keywords:** client-server partitioning, template engines, web applications

**13** [Doloto: code splitting for network-bound web 2.0 applications](#)[Benjamin Livshits](#), [Emre Kiciman](#)November  
2008**SIGSOFT '08 / FSE-16**: Proceedings of the 16th ACM SIGSOFT  
International Symposium on Foundations of software engineering**Publisher:** ACM [Request Permissions](#)Full text available: Pdf (1.12  
MB)Additional Information: [full citation](#), [abstract](#), [references](#), [index  
terms](#)**Bibliometrics:** Downloads (6 Weeks): 18, Downloads (12 Months): 105, Citation Count: 0

Modern Web 2.0 applications, such as GMail, Live Maps, Face-book and many others, use a combination of Dynamic HTML, JavaScript and other Web browser technologies commonly referred to as AJAX to push application execution to the client web browser. This ...

**Keywords:** AJAX, code loading, dynamic code loading, optimizations, responsiveness, web programming

**14** [Aibrowser for multimedia: introducing multimedia content accessibility for visually impaired users](#)[Hisashi Miyashita](#), [Daisuke Sato](#), [Hironobu Takagi](#), [Chieko Asakawa](#)October  
2007**Assets '07**: Proceedings of the 9th international ACM SIGACCESS  
conference on Computers and accessibility**Publisher:** ACM [Request Permissions](#)Full text available: Pdf (821.90  
KB)Additional Information: [full citation](#), [abstract](#), [references](#), [index  
terms](#)**Bibliometrics:** Downloads (6 Weeks): 20, Downloads (12 Months): 159, Citation Count: 6

Multimedia content with Rich Internet Applications using Dynamic HTML (DHTML) and Adobe Flash is now becoming popular in various websites. However, visually impaired users cannot deal with such content due to audio interference with the speech from screen ...

**Keywords:** DHTML, accessibility, flash, multimedia control, streaming media

**15** [Robust web content extraction](#)[Marek Kowalkiewicz](#), [Maria E. Orlowska](#), [Tomasz Kaczmarek](#), [Witold Abramowicz](#)May  
2006**WWW '06**: Proceedings of the 15th international conference on World  
Wide Web**Publisher:** ACMFull text available: Pdf (191.45  
KB)Additional Information: [full citation](#), [abstract](#), [references](#), [index  
terms](#)**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 95, Citation Count: 0

We present an empirical evaluation and comparison of two content extraction methods in HTML: absolute XPath expressions and relative XPath expressions. We argue that the relative XPath expressions, although not widely used, should be used in preference ...

**Keywords:** content extraction, evaluation, robustness, wrappers

**16** [BrowserShield: Vulnerability-driven filtering of dynamic HTML](#)

Charles Reis, John Dunagan, Helen J. Wang, Opher Dubrovsky, Saher Esmeir

September 2007 **Transactions on the Web (TWEB)**, Volume 1 Issue 3**Publisher:** ACM [Request Permissions](#)Full text available: Pdf (385.02 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 25, Downloads (12 Months): 209, Citation Count: 0

Vulnerability-driven filtering of network data can offer a fast and easy-to-deploy alternative or intermediary to software patching, as exemplified in Shield [Wang et al. 2004]. In this article, we take Shield's vision to a new domain, inspecting and ...

**Keywords:** JavaScript, Web browser, code rewriting, vulnerability**17** [Authoring animated Web pages using "contact points"](#)

Pete Faraday, Alistair Sutcliffe

May 1999 **CHI '99: Proceedings of the SIGCHI conference on Human factors in computing systems: the CHI is the limit****Publisher:** ACM [Request Permissions](#)Full text available: Pdf (1.97 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 28, Citation Count: 3

This paper explores how contact points or co-references between an animation and text should be designed in web pages. Guidelines are derived from an eye tracking study. A dynamic HTML authoring tool is described which supports these requirements. ...

**Keywords:** Web page design, authoring tools**18** [DTL's DataSpot: database exploration as easy as browsing the Web...](#)

Shaul Dar, Gadi Entin, Shai Geva, Eran Palmon

June 1998 **SIGMOD '98: Proceedings of the 1998 ACM SIGMOD international conference on Management of data****Publisher:** ACM [Request Permissions](#)Full text available: Pdf (413.40 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 24, Citation Count: 1

DTL's DataSpot is an advanced, programming-free tool that lets Web designers and database developers automatically publish their databases for Web browser access. DataSpot enables non-technical end users to explore a database using free-form plain language ...

**Keywords:** Internet, database publishing, navigation, search

Also published in:

June 1998 **SIGMOD Record** Volume 27 Issue 2**19** [JDA: a step towards large-scale reuse on the web](#)[Seung Chan Slim Lim](#), [Peter Lucas](#)

October 2006

**OOPSLA '06:** Companion to the 21st ACM SIGPLAN symposium on Object-oriented programming systems, languages, and applications**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (687.52 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 110, Citation Count: 2

The Web is maturing as a rich application development platform, and efforts are being made to provide richer and more dynamic interactions using JavaScript. JavaScript-based Web applications such as Google Maps have gained extra attention because they ...

**Keywords:** JavaScript, black box reuse, composition, dataflow architecture, information devices architecture, rich web application, web engineering

**20** [The <bigwig> project](#)[Claus Brabrand](#), [Anders Møller](#), [Michael I. Schwartzbach](#)

May 2002

**Transactions on Internet Technology (TOIT)**, Volume 2 Issue 2**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (586.33 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 75, Citation Count: 25

We present the results of the <bigwig> project, which aims to design and implement a high-level domain-specific language for programming interactive Web services. A fundamental aspect of the development of the World Wide Web during the last ...

**Keywords:** Interactive Web services, program analysis

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